

Chickpea cultivars response to herbicides in the Northern Region 2008-09

This research has been conducted across the Northern Region to determine if new and existing varieties of barley vary in tolerance to commonly used herbicides

The sensitivity of the variety is summarised, using the following symbols based on the yield responses across all trials:

- not tested or insufficient data
- ✓ no significant yield reductions at recommended rates or higher than recommended rates in 2+ trials

N (w/z) narrow margin, significant yield reductions at higher than recommended rate, but not at recommended rate significant event occurring w years out of z years tested. Eg. (2/5) = tested for 5 years, 2 returning a significant yield loss

x% (1/z) yield reduction (warning) significant yield reduction at recommended rate in 1 trial only in z years of testing

x-y% (w/z) yield reductions (warning) significant yield reductions at recommended rate in w years out of z years tested.

Always follow label recommendations. All pesticide applications must accord with the currently registered label for that particular pesticide, crop, pest and region. Any research regarding pesticides of their use reported in this website does not constitute a recommendation for that particular use by the authors, the author's organisations of ACAS. It must be emphasised that crop tolerance and yield responses to herbicides are strongly influenced by seasonal conditions.

Herbicide	Cultivar	Years tested	Site	Balance	Balance + Simazine	Simazine	Simazine + Spinnaker
				lisoxaflutole	lisoxaflutole + simazine	simazine	simazine + imazethapyr
				2008-2009	2008	2008-2009	2008
				C	C	C	C
	Flipper	2008-2009	C	✓(2)	✓(1)	✓(2)	✓(1)
	Jimbour	2008-2009	C	✓(2)	✓(1)	✓(2)	✓(1)
	Kyabra	2008-2009	C	✓(2)	✓(1)	✓(2)	✓(1)
	PBA HatTrick	2008-2009	C	✓(2)	✓(1)	N (1/2)	✓(1)
	Yorker	2008-2009	C	✓(2)	✓(1)	✓(2)	✓(1)
Rates (product/ha)				100g	100g + 1.5L	2.0L	1.5L + 45g
Crop stage at spraying				PSPE	PSPE	PSPE	PSPE

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Research site location: C Warwick

Site soil type : black earth

Site annual average rainfall mm: 670



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ACAS seeks to avoid putting information regarding unregistered pesticides or unregistered use of pesticides on this website.

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